

IN THE CLAIMS:

1. (Previously Amended) A system that facilitates the association of data with a user, a first context and a second context, comprising:

a storage device adapted to store data and contextual metadata, the contextual metadata being associated with:

- a) the user;
- b) a data component that is associated with one or more data operations being performed on the data; and
- c) a tagging component that automatically tags contextual information as the contextual metadata when the data is created, the contextual information being at least one of automatically generated information generated by the system upon creation of the data and automatically generated information generated by the system upon the one or more data operations being performed on the data; and

a computer device linked via one or more communication links to the storage device, the computer device adapted to execute a software tool configured to perform the steps of:

automatically tagging contextual information related to the user, the software tool, and the first context to the data as contextual metadata upon one or more data operations being performed on the data while in the first context to which the software tool is associated;

updating the contextual metadata based upon the one or more data operations;

automatically tagging contextual information related to the user, the software tool, and the second context to the data as contextual metadata upon one or more data operations being performed on the data while in the second context to which the software tool is associated; and

updating the contextual metadata based upon the one or more data operations.

2. (Original) The system of claim 1, the contextual information is tagged to the data when the data is being saved.
3. (Original) The system of claim 1, the contextual information is tagged to the data when the data is first saved.
4. (Previously Amended) The system of claim 1, wherein the contextual information is representative of at least one of the first context and the second context that is associated with a board.
5. (Previously Amended) The system of claim 1, wherein the contextual information is automatically tagged to any type of data created in association with at least one of the first context and the second context.
6. (Original) The system of claim 1, the contextual information includes a link to a storage location of the data.
7. (Previously Amended) The system of claim 1, the contextual information includes a link to a storage location of the data, which link is associated with each user of at least one of the first context and the second context in which the data was created.
8. (Previously Amended) The system of claim 1, wherein the contextual information is associated with at least one of the first context and the second context, wherein at least one of the first context and the second context is further associated with an application tool that is used to generate the data.

9. (Previously Amended) The system of claim 8, wherein the application tool is associated with at least one of the first context and the second context, and contains the ability to associate the user with the data created by the application tool.

10. (Previously Amended) The system of claim 9, the application tool points to a storage location of the data.

11. (Previously Amended) The system of claim 1, wherein the data component includes one or more applications that perform data operations related to at least one of (including but not limited to) telephony, unified messaging, decision support, document management, portals, chat, collaboration, search, vote, relationship management, calendar, personal information management, profiling, video, directory management, executive information systems, dashboards, cockpits, tasking, meeting and, web and video conferencing.

12. (Previously Amended) The system of claim 1, wherein the contextual information includes context data that is representative of at least one of the first context and the second context, which context data is automatically tagged to the data.

13-15. (Canceled)

16. (Previously Amended) A system that facilitates the association of data with a user and a context, comprising:

a storage device adapted to store data and contextual metadata, the contextual metadata being associated with:

a) the user;

b) a data component that is associated with one or more data operations performed on the data in a context of the user; and

c) a tagging component that automatically tags contextual information of the user as the contextual metadata when the data is first saved, the contextual information being at least one of automatically generated information generated by the system upon creation of the data and automatically generated information generated by the system upon the one or more data operations being performed on the data; and

a computer device linked via one or more communication links to the storage device, the computer device adapted to execute a software tool configured to perform the steps of:

automatically tagging contextual information related to the user, the software tool, and the context to the data as contextual metadata upon one or more data operations being performed on the data while in the context to which the software tool is associated; and

updating the contextual metadata based upon the one or more data operations;

wherein the context includes a plurality of contexts; and

wherein the contextual metadata is updated based on upon the one or more data operations occurring in any one of the plurality of contexts.

17. (Original) The system of claim 16, the contextual information includes a link to a single storage location of the data.

18. (Original) The system of claim 16, the contextual information includes a link to a storage location of the data, which link is assigned to each user of a context in which the data was created.

19. (Previously Amended) The system of claim 16, the contextual information is associated with a context that is further associated with an application tool that generates the data, the application tool includes a pointer to each context to which it is associated.
20. (Original) The system of claim 19, the pointer points to the only storage location of the data.
21. (Original) The system of claim 19, the pointer is generated with a read-only access.
22. (Original) The system of claim 16, the one or more data operations cause updating of at least one of the contextual information and the data.
23. (Original) The system of claim 16, the contextual information includes at least one of web ID, a board ID, a transversal to the location of the data, and parameters representative of the one or more data operations that can be performed on the data.
24. (Previously Amended) A computer-implemented method that facilitates associating data with a user and a first context and a second context, comprising:
- initiating a session on a computer system for a user in the first context, wherein the first context is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;
  - automatically tagging contextual information related to the user and the first context to the data, the contextual information being at least one of information related to the first context generated automatically upon creation of the data and information related to the first context generated automatically upon

one or more data operations being performed on the data while in the first context;

updating the contextual information based upon the one or more data operations;

initiating a session on a computer system for the user in the second context, wherein the second context is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;

automatically tagging contextual information related to the user and the second context to the data, the contextual information being at least one of information related to the second context generated automatically upon creation of the data and information related to the second context generated automatically upon one or more data operations being performed on the data while in the second context; and

updating the contextual information based upon the one or more data operations.

25. (Original) The method of claim 24, further comprising tagging the contextual information to the data when the data is first being saved.

26. (Previously Amended) The method of claim 24, the contextual information is updated when the data is saved.

27. (Original) The method of claim 24, further comprising tagging the contextual information to the data in accordance with a backup operation.

28. (Previously Amended) The method of claim 24, further comprising associating one or more users of at least one of the first context and the second context to the data using the contextual information.

29. (Original) The method of claim 28, the one or more users are granted at least read access to the data.
30. (Original) The method of claim 24, further comprising encoding the location of the stored data such that the encoded location is processed to access the stored data.
31. (Previously Amended) A computer-implemented method that facilitates associating data with a user and a context, comprising:
- initiating a session on a computer system for the user in the context, wherein the context is a digital workspace of at least one of events, subjects, relationships and resources associated with the user;
  - automatically tagging contextual information related to the user and the context to the data, the contextual information being at least one of information related to the context generated automatically upon creation of the data and information related to the context generated automatically upon one or more data operations being performed on the data while in the context;
  - updating the contextual information based upon the one or more data operations; and
  - linking the user and one or more other users with the location of the data.
32. (Previously Amended) The method of claim 31, the user and the one or more other users are associated with at least one of a first context and a second context of the user.
33. (Previously Amended) The method of claim 31, further comprising linking the data with the one or more other users of other respective contexts.
34. (Original) The method of claim 33, the data is linked using a webslice.

35. (Original) The method of claim 31, the user is linked to the data from another context to which the user has access.

36. (Previously Amended) A computer-readable medium having computer-executable instructions for performing a method that facilitates associating data with a user, the method comprising:

- initiating a session on a computer system for a user in a context, wherein the context is a digital workspace of events, subjects, relationships and resources associated with the user;

- providing a collaboration data management tool for at least many-to-many functionality, the tool facilitates data operations on data related to at least one of data communications, data organization, data processing, and data storage;

- automatically tagging contextual information related to the user to the data, the contextual information being at least one of information related to the context generated automatically upon creation of the data and information related to the context generated automatically upon one or more data operations being performed on the data;

- updating the contextual information based upon the one or more data operations; and

- linking the user with the location of the data.

37. (Previously Amended) A system that facilitates the association of data with a first context and a second context in a many-to-many data regime, comprising:

- computer-implemented means for initiating a session on a computer system for a user in the first context and the second context, wherein the first context and the second context are each a digital workspace of at least one of events, subjects, relationships and resources associated with the user;

- computer-implemented means for automatically tagging to the data contextual information related to the first context, the contextual information



being at least one of information related to the first context generated automatically upon creation of the data and information related to the first context generated automatically upon one or more data operations being performed on the data while in the first context;

computer-implemented means for automatically tagging to the data contextual information related to the second context, the contextual information being at least one of information related to the second context generated automatically upon creation of the data and information related to the second context generated automatically upon one or more data operations being performed on the data while in the second context;

computer-implemented means for updating the contextual information based upon the one or more data operations; and

computer-implemented means for linking the user with the location of the data.

38. (Previously Amended) The system of claim 1, wherein the first context is at least one of a first web page, a first environment, a first workspace, a first portal, a first profile, a first board, a first Uniform Resource Locator and a first link.

39. (Previously Amended) The system of claim 1, wherein the second context is at least one of a second web page, a second environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.

40. (Previously Amended) The method of claim 24, wherein the first context is at least one of a first web page, a first workspace, a first portal, a first environment, a first profile, a first board, a first Uniform Resource Locator and a first link.

41. (Previously Amended) The method of claim 24, wherein the second context is at least one of a second web page, a second environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.

42. (Previously Amended) The method of claim 32,  
wherein the first context is at least one of a first web page, a first environment, a first workspace, a first portal, a first profile, a first board, a first Uniform Resource Locator and a first link; and  
wherein the second context is at least one of a second web page, a second environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.

43. (Previously Amended) A system that tags user-defined data with metadata comprising:  
a storage device that stores the user-defined data and the metadata, the metadata including information about:  
a) the user,  
b) a software application that creates data based upon one or more received data operations;  
c) a tagging component that automatically tags the user-defined data with at least one of metadata related to the user, the software application and a web page associated with the software application upon one or more data operations being performed on the user-defined data; and  
a computer device linked by one or more communication links to the storage device, the computer device adapted to execute a software program configured to perform the steps of:  
creating a first instance of user-defined data in a first web page to which the software application is associated;

automatically tagging the first instance of user-defined data with the metadata relating to the user, the software application and the first web page;

updating the metadata based, at least in part, on the software application receiving the one or more of the data operations in the first web page;

creating a second instance of user-defined in a second web page to which the software application is associated;

automatically tagging the second instance of user-defined data with the metadata relating to the user, the software application and the second web page; and

updating the metadata based, at least in part, on the software application receiving one or more of the data operations in the second web page.

44. (Previously Presented) The method of claim 36, further comprising linking one or more other users with the location of the data.

45. (Previously Presented) The method of claim 44, wherein the user and the one or more other users are associated with at least one of a first context and a second context of the user.

46. (Previously Presented) The method of claim 36, further comprising linking the data with one or more other users of other respective contexts.

47. (Previously Presented) The method of claim 36, wherein the location of the data is linked using a webslice.

48. (Previously Presented) The method of claim 36, wherein the user is linked to the location of the data from another context to which the user has access.

49. (Newly Added) A system that facilitates the association of data with a user, a first context and a second context, comprising:

a storage device adapted to store data and contextual metadata, the contextual metadata being associated with:

- a) the user;
- b) the first context;
- c) the second context;
- d) a data component that is associated with one or more data operations being performed on the data; and
- e) a tagging component that automatically tags contextual information associated with at least one of the first context and the second context as the contextual metadata when the data is created and/or one or more data operations are performed on the data; and

a computer device linked via one or more communication links to the storage device, the computer device adapted to execute a software tool configured to:

automatically tag contextual information related to the user, the software tool, and the first context to the data as contextual metadata upon one or more data operations being performed on the data while in the first context to which the software tool is associated;

update the contextual metadata based upon the one or more data operations performed on the data in the first context;

automatically tag contextual information related to the user, the software tool, and the second context to the data as contextual metadata upon one or more data operations being performed on the data while in the second context to which the software tool is associated; and

update the contextual metadata based upon the one or more data operations performed on the data in the second context.

50. (Newly Added) The method of claim 49,  
wherein the first context is at least one of a first web page, a first workspace, a first portal, a first environment, a first profile, a first board, a first Uniform Resource Locator and a first link; and  
wherein the second context is at least one of a second web page, a second environment, a second workspace, a second portal, a second profile, a second board, a second Uniform Resource Locator and a second link.